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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

4

Complete if Known

Application Number	10/667,216
Filing Date	September 19, 2003
First Named Inventor	Shaker A. Mousa
Art Unit	1623
Examiner Name	To Be Assigned D. KHARE

Attorney Docket Number

2747/1021

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	Number - Kind Code ² (if known)			
AM	1	US-5,092,885		03/03/1992	Yamada et al.	
	2	US-5,112,946		05/12/1992	Maione	
	3	US-5,192,744		03/09/1993	Bouck et al.	
	4	US-5,202,352		04/13/1993	Okada et al.	
AM	5	US-5,639,725		06/17/1997	O'Reilly et al.	
	US-					
	US-					
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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴	Kind Code ² (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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AM	6	Braswell, E., "Heparin: Molecular Weight and Degradation Studies," <i>Biochim. Biophys. Acta</i> 158:103-116 (1968)	
	7	Kosakai et al., "Isolation and Characterization of Sulfated Disaccharides from the Deamination Products of Porcine Heparin (α -Heparin) and Whale Heparin (ω -Heparin), and a Comparison of the Deamination Products," <i>J. Biochem.</i> 83:1567-1575 (1978)	
AM	8	Fransson, et al., "Relationship Between Anticoagulant Activity of Heparin and Susceptibility to Periodate Oxidation," <i>FEBS Letters</i> 97:119-123 (1979)	

Examiner Signature	<i>AM</i>	Date Considered	6/17/05
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				First Named Inventor	Shaker A. Mousa
				Group Art Unit	1623
				Examiner Name	To Be Assigned
Sheet	2	of	4	Attorney Docket Number	2747/1021

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AM	9	Fujita et al., "Improvement of Treadmill Capacity and Collateral Circulation as a Result of Exercise with Heparin Pretreatment in Patients with Effort Angina," <i>Circulation</i> 77:1022-1029 (1988)	
	10	Rastinejad et al., "Regulation of the Activity of a New Inhibitor of Angiogenesis by a Cancer Suppressor Gene," <i>Cell</i> 56:345-355 (1989)	
	11	Moses et al., "Identification of an Inhibitor of Neovascularization from Cartilage," <i>Science</i> 248:1408-1410 (1990)	
	12	Blood et al., "Tumor Interactions with the Vasculature: Angiogenesis and Tumor Metastasis," <i>Biochim. Biophys. Acta</i> 1032:89-118 (1990)	
	13	Oikawa et al., "Angiogenic Factor of a Rat Mammary Tumor Cell Line (RMT-1) (I). Secretion of Two Distinct Angiogenic Factors into Serum-Free Conditioned Medium by RMT-1 Cells," <i>Cancer Letters</i> 59:57-66 (1991)	
	14	Buckley et al., "Enoxaparin: A Review of its Pharmacology and Clinical Applications in the Prevention and Treatment of Thromboembolic Disorders," <i>Drugs</i> 44:465-497 (1992)	
	15	Clapp et al., "The 16-Kilodalton N-Terminal Fragment of Human Prolactin Is a Potent Inhibitor of Angiogenesis," <i>Endocrinology</i> 133:1292-1299 (1993)	
	16	O'Reilly et al., "Angiostatin: A Novel Angiogenesis Inhibitor That Mediates the Suppression of Metastases," <i>Cell</i> 79:315-328 (1994)	
	17	Chen et al., "A Strategy to Discover Circulating Angiogenesis Inhibitors Generated by Human Tumors," <i>Cancer Research</i> 55:4230-4233 (1995)	
	18	Schnaper et al., "Plasminogen Activators Augment Endothelial Cell Organization In Vitro by Two Distinct Pathways," <i>Journal of Cellular Physiology</i> 165:107-118 (1995)	
AM	19	Larkjaer et al., "Isolation and Characterization of Hexasaccharides Derived from Heparin. Analysis by HPLC and Elucidation of Structure by ¹ H NMR," <i>Carbohydrate Research</i> 266:37-52 (1995)	

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dkw	20	Strieter et al., "Interferon γ -Inducible Protein 10 (IP-10), a Member of the C-X-C Chemokine Family, is an Inhibitor of Angiogenesis," <i>Biochemical and Biophysical Research Communications</i> 210:51-57 (1995)	
	21	Angiolillo et al., "Human Interferon-inducible Protein 10 is a Potent Inhibitor of Angiogenesis In Vivo," <i>J. Experimental Medicine</i> 182:155-162 (1995)	
	22	Parangi et al., "Antiangiogenic Therapy of Transgenic Mice Impairs <i>de novo</i> Tumor Growth," <i>Proc. Natl. Acad. Sci. USA</i> 93:2002-2007 (1996)	
	23	Risau, "Mechanisms of Angiogenesis," <i>Nature</i> 386:671-674 (1997)	
	24	Mulloy et al., "Molecular Weight Measurements of Low Molecular Weight Heparins by Gel Permeation Chromatography," <i>Thrombosis and Haemostasis</i> 4:668-674 (1997)	
	25	Dickinson et al., "Enoxaparin Increases the Incidence of Postoperative Intracranial Hemorrhage when Initiated Preoperatively for Deep Venous Thrombosis Prophylaxis in Patients with Brain Tumors," <i>Neurosurgery</i> 43:1074-1081 (1998)	
	26	Linhardt et al., "Production and Chemical Processing of Low Molecular Weight Heparins," <i>Seminars in Thrombosis and Haemostasis</i> 25:5-16 (1999)	
	27	Kosir et al., "Degradation of Basement Membrane by Prostate Tumor Heparanase," <i>Journal of Surgical Research</i> 81:42-47 (1999)	
	28	Kakkar et al., "Antithrombotic Therapy in Cancer," <i>BMJ</i> 318:1571-1572 (1999)	
	29	Hettiarachchi et al., "Do Heparins Do More than Just Treat Thrombosis? The Influence of Heparins on Cancer Spread," <i>Thrombosis and Haemostasis</i> 82:947-952 (1999)	
dkw	30	Mousa et al., "Comparative In Vitro Efficacy of Different Platelet Glycoprotein IIb/IIIa Antagonists on Platelet-Mediated Clot Strength Induced by Tissue Factor With Use of Thromboelastography," <i>Arterioscler. Thromb. Vasc. Biol.</i> 20:1162-1167 (2000)	

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SM	31	Arkel, "Thrombosis and Cancer," <i>Seminars in Oncology</i> 27:362-374 (2000)	
	32	Zacharski et al., "Low-Molecular-Weight Heparin and Cancer," <i>Seminars in Thrombosis and Hemostasis</i> 26:69-77 (2000)	
	33	Eriksson et al., "Fondaparinux Compared with Enoxaparin for the Prevention of Venous Thromboembolism After Hip-Fracture Surgery," <i>N. Engl. J. Med.</i> 345:1298-1304 (2001)	
	34	Smorenburg et al., "The Complex Effects of Heparins on Cancer Progression and Metastasis in Experimental Studies," <i>Pharmacological Reviews</i> 53:93-105 (2001)	
	35	Mousa et al., "Comparison of the Effect of Different Platelet GPIIb/IIa Antagonists on the Dynamics of Platelet/Fibrin-Mediated Clot Strength Induced Using Thromboelastography," <i>Thrombosis Research</i> 104:49-56 (2001)	
	36	Morita et al., "High Affinity Binding of Heparin by Necrotic Tumour Cells Neutralises Anticoagulant Activity," <i>Thromb. Haemost.</i> 86:616-622 (2001)	
SM	37	Prandoni, "Heparins and Venous Thromboembolism: Current Practice and Future Directions," <i>Thromb. Haemost.</i> 86:488-498 (2001)	

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